RESPONSE UNDER 37 C.F.R. § 1.116
–EXPEDITED PROCEDURE–
EXAMINING GROUP 3305

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: A.G. Filler et al. Attorney Docket No. WRUW16938

Serial No: 08/028,795 Group Art Unit: 3305

Filed: March 8, 1993 Examiner: B. Casler

Title: IMAGE NEUROGRAPHY AND DIFFUSION ANISOTROPY IMAGING

#20 1/2 E RJ 4/24

SUPPLEMENTAL RESPONSE UNDER 37 C.F.R. 1.116 FAX COPY RECEIVED

Seattle, Washington 98101 APR 15 1996

April 12,1996 GROUP 3300

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

As a result of a telephonic conference with Examiner Casler on April 11, 1996, applicants request amendment of the above-identified patent application as follows.

In the Claims:

Please amend Claim 89 as follows:

18 89. (Four Times Amended) A method of utilizing magnetic resonance to determine the shape and position of mammal tissue, said method including the steps of:

(a) exposing an *in vivo* region of a subject to a magnetic polarizing field, the *in vivo* region including non-neural tissue and a nerve, the nerve including epineurium and perineurium and being a member of the group consisting of peripheral nerves, cranial nerves numbers three through twelve, and autonomic nerves [and not being limited to portions of such nerves that are within dura mater or cerebrospinal fluid];

(b) exposing the *in vivo* region to an electromagnetic excitation field;

(c) sensing a resonant response of the *in vivo* region to the polarizing and excitation fields and producing an output indicative of the resonant response;

CHRISTENSEN O'CONNOR JOHNSON KINDNESS PLLC
LAW OFFICES
1420 FIFTH AVENUE
SUITE 2800
SEATTLE, WASHINGTON 98101-2347
TELEPHONE: (206) 682-8100

83